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Notice of Allowability

Application No.

10/815,859

Examiner

Zachary M. Pape

Applicant(s)

CHEN, KEVIN

Art Unit

2835

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 4/2/2004.
2. ☒ The allowed claim(s) is/are 1-4.
3. ☒ The drawings filed on 02 April 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 02102005
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


LYNN FIELD
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee,
2. Authorization for this examiner's amendment was given in a telephone interview with Bruce Troxell (#26,592) on 2/14/2005. The following items were amended:
3. In claim 1, on page 11 lines 1-2, "for, for example," has been changed to -- for example, a --.
4. In claim 1, on page 11 lines 7, and 14, "for" has been deleted.
5. In claim 1, on page 11 line 16, "to expose" has been changed to -- being exposed --.
6. In claim 4, on page 12 line 21, "fitly transversely locate" has been changed to -- traverse --.
7. In claim 4, on page 12 line 24, "existed" has been changed to -- extending --.
8. In claim 4, on page 12 line 25, "as locked together" has been changed to -- when said plates are locked together --.

The above changes have been made to correct typographical errors.

Allowable Subject Matter

9. Claims 1- 4 allowed.

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10. The following is an examiner's statement of reasons for allowance: With respect to claim 1, Mori (Publication # 2003/0193781), Akhtar et al. (Patent # 6,741,463) and Liu et al. (Publication # 2004/0188362) teach a variety of the limitations as expressed by the applicant. Such examples include a main body fixed to a rear end (Akhtar et al. Fig 1, 14) containing at least two sockets (As illustrated in Fig 2a), a control panel (Fig 1, 13) including buttons (As illustrated on the face of element 13). Akhtar further illustrates a connector (50) between each body (13 and 14) but fails to teach that the main body contains a control circuit. Further Akhtar et al. fails to teach that the longitudinal direction between the front and the rear end of the rack is smaller than the overall distance between the front and the rear end of the rack.

11. Additionally Liu et al. teaches the use of a main body (60) connected to a rear end of a rack (70) and further teaches at least two sockets on the rear side (Fig 5, rear end of 60). Liu et al. fails to teach the use of a control panel fixed to the front end of the rack, and further fails to teach that the longitudinal direction between the front and the rear end of the rack is smaller than the overall distance between the front and the rear end of the rack.

12. These limitations are believed to render the subject matter allowable over the art of record.

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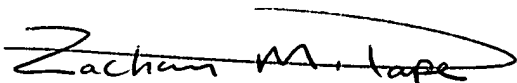
13. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

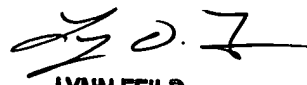
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Zachary M. Pape whose telephone number is 571-272-2201. The examiner can normally be reached on Mon. - Thur. & every other Fri. (8:00am - 5:00pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynn Feild can be reached at 571-272-2092. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



ZMP



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